Rev. 1-10-03 Effective March 1998

DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

. 0	Original	() Supplemental () Substitu	te (X) PC	() DESIGN	
name; that I verily believe that rentor (if plural inventors are n itled:	t I am the or named below	by declare that: my residence, p riginal, first and sole inventor (i w) of the subject matter which	f only one na is claimed an	me is listed below) or and for which a patent is	an original, first ar
le: OPTICAL SIGNAL PROC WITH NONLINEAR LOC	CESSING I OP MIRRO	DEVICE FOR A/D CONVERTI PRS	ER INCLUD	ING OPTICAL ENCO	DERS
which is described and claimed the attached specification, or the specification in application	Serial No.		, filed		, and with
nendments through	nal Applica	ation No. <u>PCT/JP2004/017007</u> ,	filed <u>Novem</u>	ber 16, 2004, and as a	mended on
ereby state that I have reviewed y amendment(s) referred to abo		rstand the content of the above-	dentified spe	ecification, including th	ne claims, as amen
Title 37, Code of Federal Regu	ilations, §1. der Title 35	5, United States Code, §119 (and	§172 if this	application is for a Des	ign) of any applica
Title 37, Code of Federal Reguereby claim priority benefits un	der Title 35	.56. 5, United States Code, §119 (and w and have also identified below	§172 if this v any applica	application is for a Des	ign) of any applica
Title 37, Code of Federal Regulereby claim priority benefits under patent or inventor's certificateing date before that of the appliance.	der Title 35	.56. 5, United States Code, §119 (and w and have also identified belowhich priority is claimed:	§172 if this vany applica	application is for a Des	ign) of any applicate h
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Title 37, Code of Federal Regulereby claim priority benefits unit patent or inventor's certificate ing date before that of the appliance of the appliance of the appliance of the claim the benefit under the appliance of the claim st paragraph of Title 35, United	der Title 35, listed below ication on volume Title 35, Units of this applications, §1, plications.	.56. 5, United States Code, §119 (and w and have also identified belowhich priority is claimed: APPLICATION NO. 2003-386898	\$172 if this vany application and application	application is for a Destition for patent or inventor for patent or information in the information material to	PRIORITY CLAIMED Yes Yes below and, insofate manner provided patentability as and the national

And I hereby appoint Michael R. Davis, Reg. No. 25,134; Matthew M. Jacob, Reg. No. 25,154; Warren M. Cheek, Jr., Reg. No. 33,367; Nils Pedersen, Reg. No. 33,145; Charles R. Watts, Reg. No. 33,142; Michael S. Huppert, Reg. No. 40,268; Jeffrey R. Filipek, Reg. No. 41,471; and Douglas W. Hahm, Reg. No. 44,142, who together constitute the firm of WENDEROTH, LIND & PONACK, L.L.P., as well as any other attorneys and agents associated with Customer No. 000513, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys and agents named herein to accept and follow instructions from <u>AOYAMA & PARTNERS</u> as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Direct Correspondence to:		Direct Telephone Calls to:
	CUSTOMER NO. 000513	WENDEROTH, LIND & PONACK, L.L.P. 2033 "K" Street, N.W., Suite 800 Washington, D.C. 20006-1021 Phone:(202) 721-8200 Fax:(202) 721-8250
Full Name of First Inventor	FAMILY NAME FIRST GIVEN KITAYAMA Ken-i	
Residence & Citizenship	CITY STATE OR COU Osaka Japan	ntry country of citizenship Japan
Post Office Addréss	crty c/o Graduate School of Engine shi, Osaka 565-0871 Japan	ering, Osaka University, 2-1, Yamadaoka, Suita-
Full Name of Second Inventor	FAMILY NAME FIRST GIVEN IKEDA Kensu	
Residence & Citizenship	city state or cou Tokyo Japan	ntry country of citizenship Japan
Post Office Address	ADDRESS CITY Sector, Communication Systems, System E Central Research Institute of Electric Powe 2-11-1, Iwadokita, Komae-shi, Tokyo 201-	r Industry,
Full Name of Third Inventor	FAMILY NAME FIRST GIVEN JALIL Moha	
Residence & Citizenship	CITY STATE OR COU Chiba Japan	ntry country of citizenship Bangladesh
Post Office Address	ADDRESS CITY c/o Intellectual Property Division, Chiba W 6, Yawatakaigandori, Ichihara-shi, Chiba 29	
Full Name of Fourth Inventor	FAMILY NAME FIRST GIVEN NAMIKI Shu	NAME SECOND GIVEN NAME
Residence & Citizenship	city state or cou Tokyo Japan	ntry country of ctitzenship Japan
Post Office Address	ADDRESS CITY c/o The Furukawa Electric Co Tokyo 100-8322 Japan	STATE OR COUNTRY ZIP CODE Ltd, 2-3, Marunouchi 2-chome Chiyoda-ku,
Full Name of Fifth Inventor	FAMILY NAME FIRST GIVEN INOUE Takas	

Residence & Citizenship	Tokyo	STATE OR COUNTRY Japan	country of citizenship Japan	
Post Office Address	ADDRESS CITY STATE OR COUNTRY ZIP CODE C/O The Furukawa Electric Co., Ltd, 2-3, Marunouchi 2-chome Chiyoda-ku, Tokyo 100-8322 Japan			
Full Name of Sixth Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME	
Residence & Citizenship	СТТҮ	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP	
Post Office Address	ADDRESS	СІТУ	STATE OR COUNTRY ZIP CODE	

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor	Date Feb 17, 2007
Ken-ichi KITAYAMA Kensuhe Ikeda	Date Dec. 26, 2006
Kensuke IKEDA Mohammad Abdul Jalil 3rd InventorMohammad Abdul Jalil	Date 2006 11 · 24
Mohammad Abdul JALIL 4th Inventor 441 5	Date Jan, 31, 2007
Shu NAMIKI 5th Inventor 井上 崇	Date Jan. 31, 2007
Takashi INOUE 6th Inventor	Date

The above application may b	e more particularly identified as follo	ws:	
U.S. Application Serial No.	10/579,630	Filing Date	May 17, 2006

Applicant Reference Number 547254 Atty Docket No. 2006 0745A

Title of Invention OPTICAL SIGNAL PROCESSING DEVICE FOR A/D CONVERTER INCLUDING OPTICAL ENCODERS WITH NONLINEAR LOOP MIRRORS